

Title (en)

MODIFIED AAV CAPSIDS AND USES THEREOF

Title (de)

MODIFIZIERTE AAV-KASPIDE UND VERWENDUNGEN DAVON

Title (fr)

CAPSIDES D'AAV MODIFIÉES ET LEURS UTILISATIONS

Publication

EP 3528785 A4 20201202 (EN)

Application

EP 17863237 A 20171019

Priority

- US 201662410291 P 20161019
- US 2017057441 W 20171019

Abstract (en)

[origin: WO2018075798A1] The present disclosure provides adeno-associated virus (AAV) virions with altered capsid protein that binds heparan sulfate proteoglycans, where the AAV virions exhibit greater infectivity of retinal cells, altered tropism and/or the ability to bind and cross the inner limiting membrane following intravitreal injection. The present disclosure further provides methods of delivering a gene product to a retinal cell in an individual, and methods of treating ocular disease.

IPC 8 full level

A61K 9/00 (2006.01); **A61K 48/00** (2006.01); **C12N 15/864** (2006.01)

CPC (source: EP US)

A61K 9/0048 (2013.01 - US); **A61K 48/0008** (2013.01 - US); **A61K 48/0075** (2013.01 - EP US); **C07K 14/005** (2013.01 - EP US); **C12N 7/00** (2013.01 - US); **C12N 15/86** (2013.01 - EP US); **C12N 2750/14121** (2013.01 - US); **C12N 2750/14122** (2013.01 - EP US); **C12N 2750/14133** (2013.01 - US); **C12N 2750/14143** (2013.01 - EP US); **C12N 2750/14145** (2013.01 - EP); **C12N 2750/14171** (2013.01 - EP US)

Citation (search report)

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- See also references of WO 2018075798A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2018075798 A1 20180426; AU 2017345470 A1 20190502; AU 2017345470 B2 20230803; CA 3040179 A1 20180426; EP 3528785 A1 20190828; EP 3528785 A4 20201202; US 11192925 B2 20211207; US 12030914 B2 20240709; US 2018127471 A1 20180510; US 2022227816 A1 20220721; US 2024301008 A1 20240912

DOCDB simple family (application)

US 2017057441 W 20171019; AU 2017345470 A 20171019; CA 3040179 A 20171019; EP 17863237 A 20171019; US 201715788446 A 20171019; US 202117514711 A 20211029; US 202418678888 A 20240530